



Polynt Composites USA ... Delivering high-quality coating resin technologies & solutions since 1947!

Aquamac 490 Self-Crosslinking Styrene Acrylic Latex Resin

Description

Aquamac 490 is a self-crosslinking styrene acrylic latex for high gloss, semigloss and DTM paints with excellent block resistance and adhesion to a wide variety of substrates. It can be formulated at less than 150 g/L VOC, offering a compliant alternative to alkyds for high gloss, interior trim, and kitchen and bath applications. It can be utilized in industrial coatings and can also be used in blends with alkyd emulsion or vinyl acrylic latex to improve adhesion and block resistance. Manufactured in North America.

Features

- Versatile resin for use in architectural, DTM and light-duty industrial coatings
- Formulations below 100 g/L VOC

Performance Benefits

- Excellent block resistance
- Excellent gloss development
- Excellent adhesion to a wide variety of substrates
- Good MEK double rubs
- Good chemical resistance

Typical Physical Properties

% Nonvolatile weight	46.0
% Nonvolatile volume*	44.3
Specific gravity wet latex	1.03
Wet latex density (lbs/gal)	8.60
Dry latex density (lbs/gal)	8.90
pH	7.5
Particle size (nm)	100
Tg* (°C)	13
MFFT (°C)	12

Other Properties

Appearance	Opaque
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*Theoretical values are listed. Actual values may vary depending on test method and coating composition.

Aquamac 490

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Warranty Disclaimer

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